

Title (en)

ELECTRICALLY CONDUCTIVE CONTACT AND ELECTRICAL CONNECTOR UTILIZING SAME

Title (de)

ELEKTRISCH LEITFÄHIGER KONTAKT UND ELEKTRISCHER VERBINDER DAMIT

Title (fr)

CONTACT ÉLECTRIQUEMENT CONDUCTEUR ET CONNECTEUR ÉLECTRIQUE UTILISANT CELUI-CI

Publication

EP 3451461 A4 20190508 (EN)

Application

EP 17788572 A 20170321

Priority

- CN 201610276583 A 20160429
- CN 201610276582 A 20160429
- CN 201611082714 A 20161130
- CN 2017077540 W 20170321

Abstract (en)

[origin: EP3451461A1] A conductive contact element and an electrical connector using the conductive contact element are provided. The conductive contact element has a front contact portion (140) and a rear contact portion spaced apart from each other at front and rear and respectively in conductive contact with a suitable conductive contact element. The front contact portion and the rear contact portion have an insertion space in an up-down direction for the suitable conductive contact element to be inserted therein. The conductive contact element has a simple structure, capable of achieving multi-point contact, and eliminates the short pile radiation effect while reducing insertion loss.

IPC 8 full level

H01R 13/28 (2006.01); **H01R 13/05** (2006.01); **H01R 13/193** (2006.01)

CPC (source: EP)

H01R 13/05 (2013.01); **H01R 13/28** (2013.01); **H01R 13/193** (2013.01)

Citation (search report)

- [X] EP 2551963 A1 20130130 - DELPHI TECH INC [US]
- [XI] JP 2002025673 A 20020125 - SATO SEIKI KK
- [XI] US 3478296 A 19691111 - SCHMITT KARL-FRIEDRICH
- [XI] US 3259869 A 19660705 - BATCHELLER KENT J
- See references of WO 2017185919A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3451461 A1 20190306; **EP 3451461 A4 20190508**; **EP 3451461 B1 20231227**; AU 2017255379 A1 20181220; AU 2017255379 B2 20191114; FI 3451461 T3 20240207; WO 2017185919 A1 20171102

DOCDB simple family (application)

EP 17788572 A 20170321; AU 2017255379 A 20170321; CN 2017077540 W 20170321; FI 17788572 T 20170321